

We Claim:

1. A process comprising:
 feeding a solution selected from water, and a mixture of caustic
 and at least one organic solvent through multiple pressure sources to a reactor
 having an agitator with blades and stationary pressure sources aimed at the
 agitator blades; and emptying the reactor; wherein the agitator is rotated while
 the solution is fed to the reactor.
2. The process according to claim 1 wherein, the multiple pressure sources
 are hoses equipped with nozzles.
3. The process according to claim 2 wherein, the hoses are made of 316
 stainless steel.
4. The process according to claim 3 wherein, the solution is fed to the reactor
 at a pressure from 100 to 700 bar.
5. The process according to claim 1 wherein, the reactor is equipped with a
 heat exchanger in an external loop and the heat exchanger and external loop are
 cleaned with an aqueous base at a temperature of from 20°C to 150°C.
6. The process according to claim 5 wherein, the heat exchanger and external
 loop are cleaned with caustic at a temperature of from 90°C to 150°C.
7. A process for cleaning a reactor comprising:
 feeding a solution selected from an aqueous base, an organic solvent, and
 combinations thereof to the reactor;
 and emptying the reactor; wherein, the reactor is selected from the group
 consisting of a plate-frame heat exchanger, a plate-fin heat exchanger, and a
 spiral-plate heat exchanger.
8. The process according to claim 7 wherein, the solution is a combination of
 an aqueous base and an organic solvent and comprises from 15 weight percent to

Sub 92

Sub 92

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Sub 93

Sub 1